

NMR EXCITATION METHOD

Abstract

A method of excitation for use during an NMR examination includes the subjecting of a body (92) to an orienting magnetic field (B_0). The body (92) is adiabatically conditioned with a first series of RF pulses ($IP_1 - IP_n$). The body (92) is excited with a second series of RF pulses ($E_1 - E_m$) in a presence of gradient field pulses. A resonance signal is emitted from the body (92) in response to the second series of RF pulses ($E_1 - E_m$).